

Assay Office

U.S. B. Mint

12 June 1856

Dear Sir,

Permit me to ask you a question or two.
Have you any records wh you are willing to Commu-
nicate to me, of experiments instituted to determine
what is the Smallest possible & safe proportion of Sil-
ver to Gold, to use in granulation.

What is the general fineness of your garble - will
you not please have some, taken at random, & assayed.

Have you the results in fineness of Gold, pro-
duced by different proportions of Silver to Gold in your
granulations.

What Number of ~~NO₂~~ Avo. lbs of NO₂ did you
average to the Million dollars in parting last year.
& what strength was the acid -

Was your acid quite free from Chlorine?

What amount of I O₃ did you average to the Million
do Lime do
" Salt "

By dropping a line to me on the above points,
you will greatly oblige

Yours Truly

Prop. J.C. Booth
M^{rs} Refiner of
U.S. Mint
Phila

To \$1,000,000 gold Conrad Wiegand
21,000 lb. NO₂ of 38 @ 39¢ lb.
3,500 " SO₃, HO of 60¢ lb.
95 bushels salt
1 1/4 tons lime

1856

June 12th

Conrad Kiegan
to S. Mint